

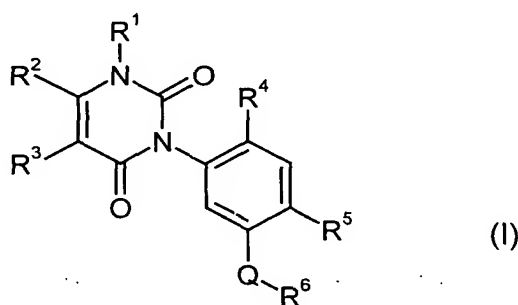
Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claims 1-6 (Canceled).

Claim 7 (Currently Amended). ~~A process for preparing a substituted phenyluracil compounds according to any of Claims 1 to 6, characterized in that~~ of the Formula (I)



wherein

Q represents O, S, SO or SO₂,

R¹ represents hydrogen, amino, optionally cyano-, halogen- or C₁-C₄-alkoxy-substituted alkyl having 1 to 4 carbon atoms or in each case optionally halogen-substituted alkenyl or alkynyl having in each case 2 to 4 carbon atoms,

R² represents cyano, carboxyl, carbamoyl, thiocarbamoyl or in each case optionally cyano-, halogen- or C₁-C₄-alkoxy-substituted alkyl or alkoxy-carbonyl having in each case 1 to 4 carbon atoms,

R³ represents hydrogen, halogen or optionally halogen-substituted alkyl having 1 to 4 carbon atoms,

R⁴ represents hydrogen, nitro, cyano or halogen,

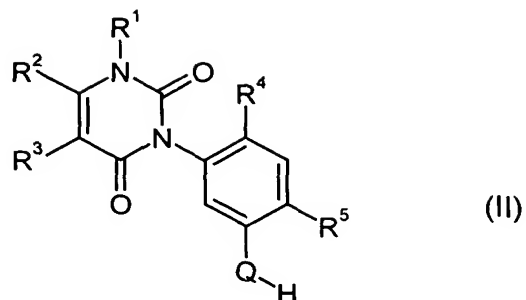
R⁵ represents cyano, thiocarbamoyl, bromine or in each case optionally halogen-substituted alkyl or alkoxy having in each case 1 to 4 carbon atoms, and

R⁶ represents an optionally nitro-, hydroxyl-, mercapto-, amino-, cyano-, carboxyl-, carbamoyl-, halogen-, C₁-C₄-alkyl-, cyano-C₁-C₄-alkyl-, carboxyl-C₁-C₄-alkyl-, C₁-C₄-halogenoalkyl-, C₁-C₄-alkoxy-C₁-C₄-alkyl-, C₁-C₄-alkoxy-carbonyl-C₁-C₄-alkyl-, C₁-C₄-alkylaminocarbonylalkyl-, di-(C₁-C₄-alkyl)-aminocarbonylalkyl-, C₁-C₄-alkoxy-, cyano-C₁-C₄-alkoxy-, C₁-C₄-halogenoalkoxy-, C₁-C₄-alkoxy-C₁-C₄-alkoxy-, carboxyl-C₁-C₄-alkoxy-, C₁-C₄-alkoxy-carbonyl-C₁-C₄-alkoxy-, C₁-C₄-alkylamino-carbonyl-C₁-C₄-alkoxy-, di-(C₁-C₄-alkyl)-aminocarbonyl-C₁-C₄-alkoxy-, C₁-C₄-alkoxy-carbonyl-, C₂-C₄-alkenyloxy-, C₂-C₄-alkinyloxy-, C₁-C₄-alkylthio-, C₁-C₄-halogenoalkylthio-, C₁-C₄-alkylsulphinyl-, C₁-C₄-halogenoalkylsulphinyl-, C₁-C₄-alkylsulphonyl-, C₁-C₄-halogenoalkylsulphonyl-, C₁-C₄-alkyl-carbonyl-amino-, C₁-C₄-alkoxy-carbonyl-amino- or C₁-C₄-alkyl-sulphonyl-amino-substituted nitrogen-containing heterocyclic grouping selected from the group consisting of pyrrolyl, pyrazolyl, imidazolyl, triazolyl, triazoliny, pyridinyl, pyrazinyl, pyridazinyl, pyrimidinyl, triazinyl, benzoxazolyl, benzothiazolyl, quinolinyl, quinazolinyl, and quinoxalinyl,

- one or more tautomeric forms of the compound of the Formula (I), one or more salts of the compound of the Formula (I), one or more acid adducts of the compound of the Formula (I), one or more base adducts of the compound of the Formula (I) and combinations thereof,

said process comprising a process selected from the group consisting of processes a, b, c, d and e, wherein

(a) said process a comprises the step of reacting a phenyluracile of the general Formula (II)



~~in which wherein~~

~~Q, R¹, R², R³, R⁴ and R⁵ are each as defined in any of Claims 1 to 6
are reacted above with a compounds of the general Formula (III)~~



~~in which wherein~~

~~R⁶ is as defined in any of Claims 1 to 5 above and~~

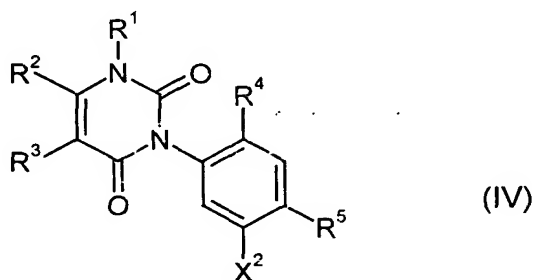
~~X¹ represents halogen or alkylsulphonyl,~~

~~if appropriate optionally in the presence of a reaction auxiliary and if~~

~~appropriate optionally in the presence of a diluent,~~

~~or that~~

~~(b) wherein said process b comprises the step of reacting a halogenophenyl-
uracils of the general Formula (IV)~~



~~in which wherein~~

~~R¹, R², R³, R⁴ and R⁵ are each as defined in any of Claims 1 to 5 above and~~

~~X² represents halogen,~~

~~are reacted with a compounds of the general Formula (V)~~



~~in which~~ wherein

Q and R⁶ are each as defined ~~in any of Claims 1 to 6 above~~ and

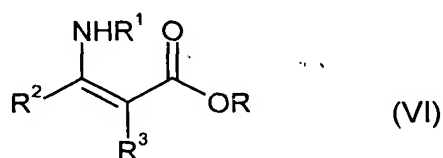
M represents hydrogen or a metal equivalent,

~~if appropriate~~ optionally in the presence of a reaction auxiliary and ~~if~~

~~appropriate~~ optionally in the presence of a diluent,

~~or that~~

(c) said process c comprises the step of reacting an aminoalkenoic acid esters
of the ~~general~~ Formula (VI)

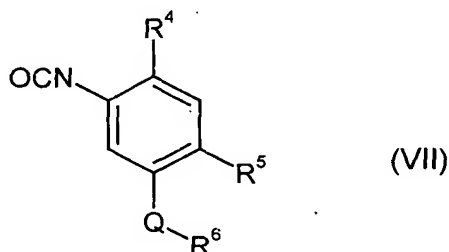


~~in which~~ wherein

R¹, R² and R³ are each as defined ~~in any of Claims 1 to 5 above~~ and

R represents alkyl, aryl or arylalkyl,

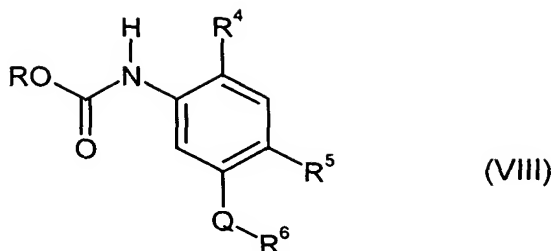
~~are reacted~~ with a member selected from the group consisting of a substituted
phenyl isocyanates of the ~~general~~ Formula (VII)



~~in which~~ wherein

Q, R⁴, R⁵ and R⁶ are each as defined ~~in any of Claims 1 to 6 above~~

~~or with~~ and a substituted phenylurethanes (phenylcarbamates) of the ~~general~~
Formula (VIII)



~~in which~~wherein

Q, R⁴, R⁵ and R⁶ are each as defined ~~in any of Claims 1 to 6 above~~ and

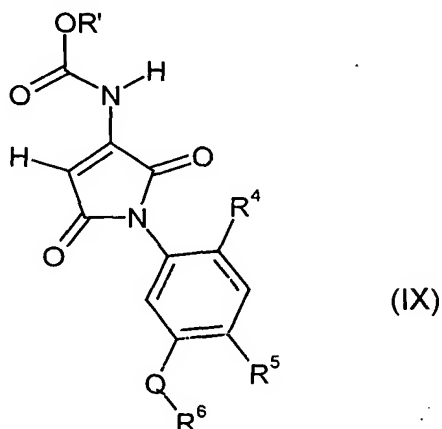
R represents alkyl, aryl or arylalkyl,

~~if appropriate~~optionally in the presence of a reaction auxiliary and ~~if~~

~~appropriate~~optionally in the presence of a diluent,

~~or that~~

(d) said process d comprises the step of reacting a substituted N-phenyl-1-alkoxycarbonylamino-maleimides of the general Formula (IX)



~~in which~~wherein

Q, R⁴, R⁵ and R⁶ are each as defined ~~in any of Claims 1 to 6 above~~ and

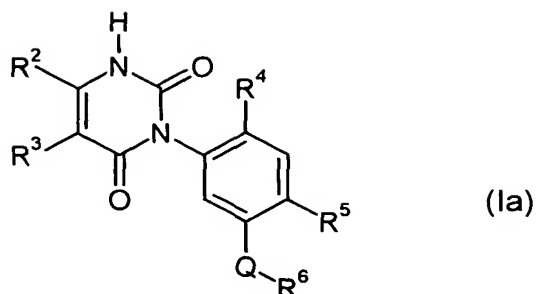
R' represents alkyl

~~are reacted~~ with a metal hydroxide in the presence of water and, ~~if appropriate~~

optionally in the presence of an organic solvent,

~~or that~~

(e) said process e comprises the step of reacting a substituted phenyluracils of the general Formula (Ia)



in which

Q, R², R³, R⁴, R⁵ and R⁶ are each as defined in any of Claims 1 to 6
~~are reacted above with a member selected from the group consisting of 1-~~
~~aminoxy-2,4-dinitro-benzene, -or and 2-aminooxysulphonyl-1,3,5-tri-~~
~~methylbenzene or with and an alkylating agents of the general formula~~
 (X)



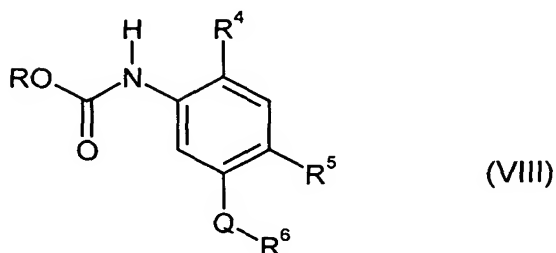
~~in which~~ wherein

A¹ represents optionally cyano-, halogen- or C₁-C₄-alkoxy-substituted alkyl
 having 1 to 4 carbon atoms or in each case optionally halogen-
 substituted alkenyl or alkynyl having in each case 2 to 4 carbon atoms,
 and

X³ represents halogen or the grouping -O-SO₂-O-A¹,
~~if appropriate optionally~~ in the presence of a reaction auxiliary and if
~~appropriate optionally~~ in the presence of a diluent,
~~wherein any of said processes a, b, c, d and e optionally further comprises the~~
~~step of subsequently carrying out one or more reactions selected from the~~
~~group consisting of and electrophilic reactions, -or nucleophilic reactions,~~
~~and/or oxidation reactions, or reduction reactions and combinations thereof~~
~~within the scope of the definition of the substituents as set forth in this Claim~~
~~7, are, if appropriate, subsequently carried out in a customary manner.~~

Claims 8-9. (Cancelled).

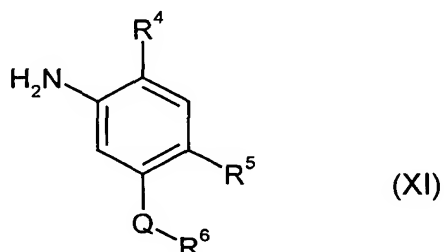
Claim 10. (Currently Amended) ~~A C~~ompounds of the ~~F~~ormula (VIII)



~~in which~~wherein

Q, R⁴, R⁵, R⁶ and R are each as defined in ~~any of Claims 1 to 7.~~

Claim 11. (Currently Amended) ~~A P~~rocess for preparing ~~a~~ compounds according to Claim 10, ~~characterized in that~~ comprising the step of reacting an aniline derivatives of the ~~general F~~ormula (XI)



~~in which~~wherein

Q, R⁴, R⁵ and R⁶ are each as defined in ~~any of Claims 1 to 6~~ 7

~~are reacted~~ with ~~a~~ chlorocarbonyl compounds of the ~~general F~~ormula (XII)



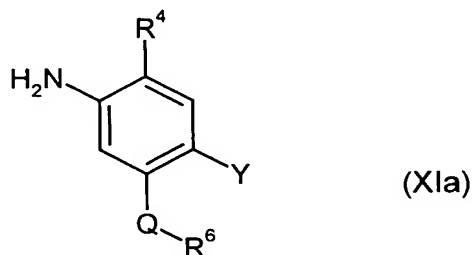
~~in which~~wherein

R represents alkyl, aryl or arylalkyl,

~~if appropriate~~optionally in the presence of an acid acceptor, ~~such as, for example, pyridine,~~ and ~~if appropriate~~ optionally in the presence of a diluent,

~~such as, for example, methylene chloride,~~ at temperatures between -20°C and $+100^{\circ}\text{C}$.

Claim 12. (Currently Amended) ~~A C~~ompounds of the ~~f~~Formula (XIa)



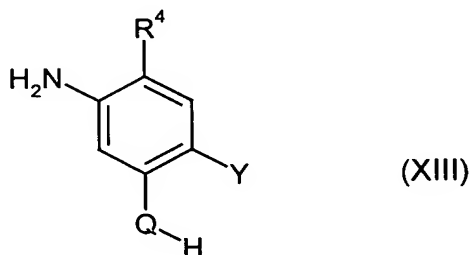
~~in which~~wherein

Q, R^4 and R^6 are each as defined in ~~any of Claims 1 to 6~~7-and

Y represents cyano, thiocarbamoyl or trifluoromethyl.

Claim 13. (Previously Presented) ~~A P~~rocess for preparing ~~a~~ compounds according to Claim 12, ~~characterized in that~~ comprising a process selected from the group consisting of processes steps α and β , wherein

(α) said process α comprises the step of reacting an anilines of the ~~general~~ ~~f~~Formula (XIII)



~~in which~~wherein

Q, R^4 and Y are each as defined in ~~any of Claims 1 to 6 and 12~~ 7

~~are reacted with a compounds of the ~~general~~ ~~f~~Formula (III)~~



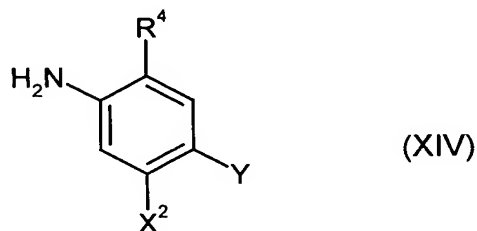
~~in which~~wherein

R^6 and X^1 are each as defined in ~~any of Claims 1 to 5 and 7,~~

~~if appropriate~~ optionally in the presence of an acid acceptor, ~~such as, for example, potassium hydroxide, potassium carbonate or pyridine,~~ and if ~~appropriate~~ optionally in the presence of a diluent, at temperatures between 0°C and 200°C,

~~or that and~~

(β) said process β comprises the step of reacting an anilines of the general
Formula (XIV)



~~in which~~ wherein

R⁴, X² and Y are each as defined in ~~any of Claims 1 to 5, 7 and 12~~
~~are reacted with a compounds of the general~~ Formula (V)



~~in which~~ wherein

M, Q and R⁶ are each as defined in ~~any of Claims 1 to 7,~~
~~if appropriate~~ optionally in the presence of an acid acceptor and ~~if appropriate~~
optionally in the presence of a diluent, at temperatures between 0°C and 200°C.

Claims 14- 18. (Cancelled).